

3.1 второе задание

In [1]:

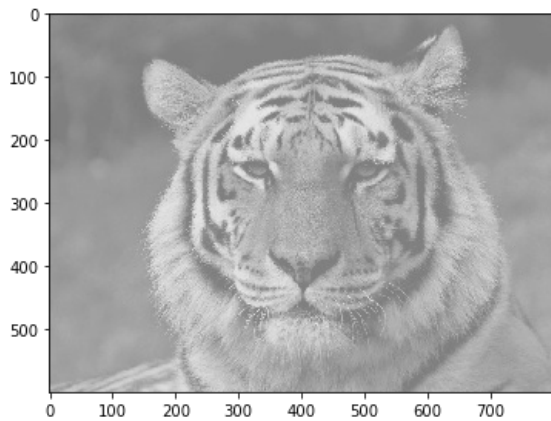
```
from skimage.io import imread, imshow
from skimage import img_as_float
%matplotlib inline
```

In [2]:

```
img = imread('tiger-low-contrast.png')
imshow(img)
```

Out[2]:

<matplotlib.image.AxesImage at 0x120f8da8>



In [4]:

```
k = round(img.size*0.05)
```

In [5]:

```
from numpy import histogram
values, bin_edges = histogram(img, bins=range(257))
```

In [7]:

```
count = 0
for i in range(256):
    count += values[i]
    if count > k:
        x_min = i
        break
count = 0
for i in range(255, -1, -1):
    count += values[i]
    if count > k:
        x_max = i
        break
print(x_min, x_max)
```

129 208